FIONA OCHS

FULL-STACK SOFTWARE ENGINEER

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Portfolio site

TECH STACK

Languages
Javascript
HTML
CSS

Testing
Jest
QUnit
Supertest

Front-End
React
Redux

Back-End
Node.js
Express

Databases
PostgresSQL
MongoDB

Tools
Mongoose
Heroku
Netlify
Github
Visual Studio
Jira
Asana
Material UI
D3

Other
Agile
Rest APIs
TDD

WORK

GABBI
Live site
SOFTWARE ENGINEER | 2020 - PRESENT
Digital health platform for women.
- TDD for back end routes and models in **Node**
- Connect to **MongoDB**
- Integrate data with **React** front end

PHYSICAL THERAPY CLINIC
PHYSICAL THERAPY AIDE | 2017 - 2019
Worked with a team of healthcare providers and facilitated clients through their recovery from surgeries and injuries.

PROJECTS

ALCHIMIA
Github   Live site
Tile based board game crafted in Javascript.
- Developed front end in vanilla **Javascript, HTML,** and **CSS**
- Implemented correct tile validation with array manipulation
- Developed an instructional modal, to display over board

GROUPIES
Github   Live site
Social media app for connecting to concerts and sharing with friends.
- Designed **UI** with **React**
- Developed back end routes and stored data in **SQL**

SHADESPEARE, BARD OF INSULTS
Github   Live site
Markov generated insult bot.
- Built back end routes and models using **Node** and **Express**
- Connected to **MongoDB**
- Developed Zoom bot with **Twilio** for text to speech
- Integrated data with **React** front end

GOING VIRAL
Github   Live site
Interactive data visualizations for changes in global mobility metrics during times of quarantine.
- Built back end routes with **Node,** and **Express**
- Stored data in **MongoDB**
- Implemented **TDD** with **Jest**
- Worked with **D3** for data visualization
- Built front end with **React**
- Used **Material UI** for mobile responsiveness

EDUCATION

ALCHEMY CODE LAB | 2020
Software Engineering professional training for building full-stack web applications individually and with teams.

B.S. NEUROBIOLOGY, PHYSIOLOGY AND BEHAVIOR SCIENCE
UNIVERSITY OF CALIFORNIA DAVIS | 2018